

UNCLASSIFIED

Exhibit P-40, Budget Line Item Justification: FY 2018 Air Force										Date: May 2017		
Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 4: Trainer Aircraft							P-1 Line Item Number / Title: T03800 / T-38					
ID Code (A=Service Ready, B=Not Service Ready): B				Program Elements for Code B Items: 0804741F				Other Related Program Elements: 0604233F				
Line Item MDAP/MAIS Code: N/A												
Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	102.196	30.604	45.090	51.641	0.000	51.641	108.803	27.395	27.869	28.398	62.890	484.886
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	102.196	30.604	45.090	51.641	0.000	51.641	108.803	27.395	27.869	28.398	62.890	484.886
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	102.196	30.604	45.090	51.641	0.000	51.641	108.803	27.395	27.869	28.398	62.890	484.886
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
<p>Description:</p> <p>The T-38 is a twin engine, two seat (tandem), supersonic jet trainer used by Air Education Training Command as an advanced trainer in Specialized Undergraduate Pilot Training. Modifications are budgeted to enhance operational capability while improving flight safety, reliability, and maintainability. There are currently 505 T-38's in the Air Force inventory (53 T-38A, 6 AT-38B and 446 T-38C) with 5 T-38C's pending removal. The T-38 first entered service in 1961 and the average age is over 49 years old. The T-38 was designed with a 7,000 hour service life. Aircraft are now in their third service life and are sustained by upgrades and service life extensions. Funding may be used to address Diminishing Manufacturing Sources (DMS) issues.</p> <p>Funding for this exhibit contained in PE 0804741F.</p>												

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Appropriation / Budget Activity / Budget Sub Activity: 3010F: Aircraft Procurement, Air Force / BA 05: Modification of Inservice Aircraft / BSA 4: Trainer Aircraft						P-1 Line Item Number / Title: T03800 / T-38				
ID Code (A=Service Ready, B=Not Service Ready): B			Program Elements for Code B Items: 0804741F			Other Related Program Elements: 0604233F				
Line Item MDAP/MAIS Code: N/A										
Exhibits Schedule					Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a***	6092 / T-38 A/B ADS-B Out (Reliability & Maintainability)				- / -	- / -	- / 7.685	- / -	- / -	- / -
P-40a***	99999A / LOW COST SAFETY MODIFICATIONS (Safety)				- / 0.029	- / 0.000	- / 0.005	- / 0.005	- / -	- / 0.005
P-40a***	99999X / Low Cost Modifications (Service Life Extension)				- / 0.031	- / 0.000	- / 0.006	- / 0.006	- / -	- / 0.006
P-3a	6088 / Pacer Classic III (Service Life Extension)				- / 102.136	- / 3.921	- / 31.255	- / 22.500	- / 0.000	- / 22.500
P-3a	6090 / T-38 Avionics (Reliability & Maintainability)				- / 0.000	- / 26.683	- / 6.139	- / 29.130	- / 0.000	- / 29.130
P-40	Total Gross/Weapon System Cost				- / 102.196	- / 30.604	- / 45.090	- / 51.641	- / 0.000	- / 51.641
Exhibits Schedule					FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/MAIS Code	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)	Quantity / Total Cost (Each) / (\$ M)
P-40a***	6092 / T-38 A/B ADS-B Out (Reliability & Maintainability)				- / -	- / -	- / -	- / -	- / -	- / -
P-40a***	99999A / LOW COST SAFETY MODIFICATIONS (Safety)				- / -	- / -	- / -	- / -	- / -	- / -
P-40a***	99999X / Low Cost Modifications (Service Life Extension)				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	6088 / Pacer Classic III (Service Life Extension)				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	6090 / T-38 Avionics (Reliability & Maintainability)				- / -	- / -	- / -	- / -	- / -	- / -
P-40	Total Gross/Weapon System Cost				- / 108.803	- / 27.395	- / 27.869	- / 28.398	- / 62.890	- / 484.886
*** Although this is an Exhibit P-40a item, the actual exhibit is not included since all of the required information for this item is already being shown here. *Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.										
Justification: Where applicable, justification for individual modifications is provided in the P-3A exhibits.										

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Exhibit P-3a, Individual Modification: FY 2018 Air Force										Date: May 2017		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 4				P-1 Line Item Number / Title: T03800 / T-38						Modification Number / Title: 6088 / Pacer Classic III		
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:					
Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	102.136	3.921	31.255	22.500	0.000	22.500	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	102.136	3.921	31.255	22.500	0.000	22.500	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	102.136	3.921	31.255	22.500	0.000	22.500	-	-	-	-	-	-
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
<p>Description:</p> <p>Pacer Classic III (PC III) is a depot-level modification program which replaces known life-limited components and ensures structural sustainment of 180 T-38C aircraft which are at high risk of grounding. Timely modifications will ensure continued execution of the Air Education and Training Command (AETC) advanced undergraduate pilot training mission. PC III will replace major structural components within the aircraft fuselage including major longerons, bulkhead/formers, internal skins and structural floors. These modifications have been categorized as Safety of Flight and determined by HQ Air Force Materiel Command to be required to correct material deficiencies to ensure safety of personnel, systems or equipment. If uncorrected, the hazard will ground the system or equipment, restrict flight or ground operations, or result in unacceptable risk to personnel. The T-38 Program Office manages both the USAF and Euro NATO Joint Jet Pilot Training (ENJJPT) aircraft, PC III structural retrofit. PC III program requirements are documented in Air Force Form 1067: AETC 2016-037. PC III installations will be performed by the 309 Maintenance Wing geographically separated unit at Randolph AFB, TX.</p> <p>Milestone/Development Status</p> <p>Kit & system integration complete.</p>												

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Exhibit P-3a, Individual Modification: FY 2018 Air Force										Date: May 2017			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 4					P-1 Line Item Number / Title: T03800 / T-38					Modification Number / Title: 6088 / Pacer Classic III			
ID Code (A=Service Ready, B=Not Service Ready) :								MDAP/MAIS Code:					
Models of Systems Affected: T-38				Modification Type: Service Life Extension				Related RDT&E PEs:					
Financial Plan	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total	
	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	<i>Qty (Each) / Total Cost (\$ M)</i>	
Procurement													
<i>Modification Item 1 of 1:</i> Aircraft Modification Kits													
A Kits													
Recurring													
Aircraft Modification Kits:INSTALL KITS Group A (Active)	85 / 33.747	0 / 0.000	18 / 7.200	14 / 5.600	- / -	14 / 5.600	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Recurring</i>	- / 33.747	- / 0.000	- / 7.200	- / 5.600	- / -	- / 5.600	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Aircraft Modification Kits</i>	- / 33.747	- / 0.000	- / 7.200	- / 5.600	- / -	- / 5.600	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Procurement, All Modification Items</i>	- / 33.747	- / 0.000	- / 7.200	- / 5.600	- / -	- / 5.600	- / -	- / -	- / -	- / -	- / -	- / -	
Support (All Modification Items)													
GROUP A: TOTAL NONRECURRING	0 / 17.791	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
OTHER GOVT	- / 12.263	- / -	- / 0.300	- / 0.125	- / -	- / 0.125	- / -	- / -	- / -	- / -	- / -	- / -	
PMA - Contractor Services	- / 2.039	- / 0.400	- / 0.630	- / 0.200	- / -	- / 0.200	- / -	- / -	- / -	- / -	- / -	- / -	
PMA - Other Gov't Costs	- / 1.066	- / -	- / 0.040	- / 0.040	- / -	- / 0.040	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Support</i>	0 / 33.159	- / 0.400	- / 0.970	- / 0.365	- / -	- / 0.365	- / -	- / -	- / -	- / -	- / -	- / -	
Installation													
<i>Modification Item 1 of 1:</i> Aircraft Modification Kits	28 / 35.230	3 / 3.521	21 / 23.085	18 / 16.535	- / -	18 / 16.535	- / -	- / -	- / -	- / -	- / -	- / -	
<i>Subtotal: Installation</i>	28 / 35.230	3 / 3.521	21 / 23.085	18 / 16.535	- / -	18 / 16.535	- / -	- / -	- / -	- / -	- / -	- / -	
Total													
Total Cost (Procurement + Support + Installation)	102.136	3.921	31.255	22.500	0.000	22.500	-	-	-	-	-	-	

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Exhibit P-3a, Individual Modification: FY 2018 Air Force											Date: May 2017																					
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 4											P-1 Line Item Number / Title: T03800 / T-38											Modification Number / Title: 6088 / Pacer Classic III										
ID Code (A=Service Ready, B=Not Service Ready) :											MDAP/MAIS Code:																					
Modification Item 1 of 1: Aircraft Modification Kits																																
Manufacturer Information																																
Manufacturer Name: Northrop Grumman Tech Services													Manufacturer Location: Herndon, VA																			
Administrative Leadtime (in Months): 1													Production Leadtime (in Months): 18																			
Dates		FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022						
Contract Dates						Jul 2017				Jun 2018																						
Delivery Dates						Jan 2019				Dec 2019																						
Installation Information																																
Method of Implementation: Depot																																
Installation Cost		Prior Years		FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total		FY 2019		FY 2020		FY 2021		FY 2022		To Complete		Total								
		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)		Qty (Each) / Total Cost (\$ M)								
Prior Years		28 / 35.230		3 / 3.521		21 / 23.085		18 / 16.535		- / -		18 / 16.535		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2016		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2017		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2018		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2019		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2020		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2021		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
FY 2022		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
To Complete		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Total		28 / 35.230		3 / 3.521		21 / 23.085		18 / 16.535		- / -		18 / 16.535		- / -		- / -		- / -		- / -		- / -		- / -		- / -						
Installation Schedule																																
	PYS	FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				TC	Tot	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
In	28	0	1	1	1	5	5	6	5	4	4	5	5	4	4	5	5	5	4	5	4	5	4	5	4	5	4	5	4			
Out	19	4	5	0	1	1	1	5	5	6	5	4	4	5	5	4	4	5	5	5	4	5	4	5	4	5	4	5	4			

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Exhibit P-3a, Individual Modification: FY 2018 Air Force										Date: May 2017		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 4					P-1 Line Item Number / Title: T03800 / T-38					Modification Number / Title: 6090 / T-38 Avionics		
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:					
Resource Summary	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total
Procurement Quantity (<i>Units in Each</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost (<i>\$ in Millions</i>)	0.000	26.683	6.139	29.130	0.000	29.130	-	-	-	-	-	-
Less PY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) (<i>\$ in Millions</i>)	0.000	26.683	6.139	29.130	0.000	29.130	-	-	-	-	-	-
Plus CY Advance Procurement (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority (<i>\$ in Millions</i>)	0.000	26.683	6.139	29.130	0.000	29.130	-	-	-	-	-	-
<i>(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)</i>												
Initial Spares (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost (<i>\$ in Millions</i>)	-	-	-	-	-	-	-	-	-	-	-	-
<p>Description:</p> <p>The T-38C Avionics Upgrade Program installed a "Glass Cockpit" into the T-38 jet trainer and re-designated the upgraded aircraft from the T-38A/B to the T-38C model. The Avionics Upgrade Program modification was completed in 2007 and utilized a Commercial Off-The-Shelf/Non-Developmental Item approach to acquire kits. The system is in the operations and maintenance phase. Off-equipment repair of the Line Replaceable Units, engineering and software support services is provided via Contractor Logistics Support. The current contract, FA8211-12-C-0001, identified significant obsolescence issues with the Heads-Up Display system, the Mission Display Processor, Very High Frequency Communication receiver transmitter and the Very High Frequency Navigation radio.</p> <p>Contract #FA8211-16-D-0001 was awarded 8 January 2016. The contract is a Type D Indefinite Delivery, Indefinite Quantity contract competitively awarded to address T-38C avionics system obsolescence issues and provide Contractor Logistics Support follow-on contract support. Avionics system Diminishing Manufacturing Sources and Material Shortages mitigation efforts began immediately upon award and the follow-on Contractor Logistics Support effort will be begin upon completion of the current contract (FA8211-12-C-0001), 1 April 2017.</p> <p>Mitigation plans include the following: The program began non-recurring development in FY2016 for a replacement Mission Display Processor, Very High Frequency Communication receiver transmitter and the Very High Frequency Navigation radio and refurbishment of the Heads-Up Display System. Procurement of the Mission Display Processor, Very High Frequency Communication receiver transmitter and the Very High Frequency Navigation radio began in FY2016 with Heads-Up Display System procurement to begin in FY2017.</p> <p>The Federal Aviation Administration has mandated that all aircraft flying in Federal Aviation Administration controlled air space be equipped with Automatic Dependent Surveillance - Broadcast (ADS-B) Out equipment by 1 January 2020. The T-38C program began development and integration of a solution upon FA8211-16-D-0001 contract award in January 2016 and procurement will begin in FY2017.</p> <p>Milestone/Development Status</p> <p>The Mission Display Processor is in Critical Design Review is complete and EMD unit is in integration test at the Systems Integration Lab. The Heads-Up Display Critical Design Review is complete and EMD unit is in integration test at the Systems Integration Lab. The Very High Frequency Radios Critical Design Review is complete and EMD unit is in integration test at the Systems Integration Lab. The T-38C Automatic Dependent Surveillance-Broadcast solution Preliminary Design Review is scheduled for March 2017. The EMD unit is in integration test at the Systems Integration Lab.</p>												

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Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 4				P-1 Line Item Number / Title: T03800 / T-38				Modification Number / Title: 6090 / T-38 Avionics					
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: T-38				Modification Type: Reliability & Maintainability				Related RDT&E PEs: 0604233F					
Financial Plan	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Procurement													
Modification Item 1 of 4: Heads-Up Display System													
B Kits													
Recurring													
Heads-Up Display System:EQUIPMENT Group B (Active)	- / -	- / -	101 / 3.154	197 / 20.111	- / -	197 / 20.111	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Recurring	- / -	- / -	- / 3.154	- / 20.111	- / -	- / 20.111	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Heads-Up Display System	- / -	- / -	- / 3.154	- / 20.111	- / -	- / 20.111	- / -	- / -	- / -	- / -	- / -	- / -	
Modification Item 2 of 4: Mission Display Processor													
B Kits													
Recurring													
Mission Display Processor:EQUIPMENT Group B (Active)	- / -	442 / 16.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Recurring	- / -	- / 16.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Mission Display Processor	- / -	- / 16.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Modification Item 3 of 4: T-38C ADS-B													
A Kits													
Recurring													
T-38C ADS-B:INSTALL KITS Group A (Active)	- / -	- / -	246 / 0.968	196 / 0.771	- / -	196 / 0.771	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Recurring	- / -	- / -	- / 0.968	- / 0.771	- / -	- / 0.771	- / -	- / -	- / -	- / -	- / -	- / -	
B Kits													
Recurring													
T-38C ADS-B:EQUIPMENT Group B (Active)	- / -	- / -	246 / 2.017	196 / 3.748	- / -	196 / 3.748	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Recurring	- / -	- / -	- / 2.017	- / 3.748	- / -	- / 3.748	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: T-38C ADS-B	- / -	- / -	- / 2.985	- / 4.519	- / -	- / 4.519	- / -	- / -	- / -	- / -	- / -	- / -	
Modification Item 4 of 4: VHF Nav/Comm Radios													
A Kits													
Recurring													
VHF Nav/Comm Radios:INSTALL KITS Group A (Active)	- / -	170 / 0.033	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Recurring	- / -	- / 0.033	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
B Kits													

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Exhibit P-3a, Individual Modification: FY 2018 Air Force										Date: May 2017			
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 4					P-1 Line Item Number / Title: T03800 / T-38					Modification Number / Title: 6090 / T-38 Avionics			
ID Code (A=Service Ready, B=Not Service Ready) :							MDAP/MAIS Code:						
Models of Systems Affected: T-38				Modification Type: Reliability & Maintainability				Related RDT&E PEs: 0604233F					
Financial Plan	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	To Complete	Total	
	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	Qty (Each) / Total Cost (\$ M)	
Recurring													
VHF Nav/Comm Radios:EQUIPMENT Group B (Active)	- / -	170 / 10.090	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Recurring	- / -	- / 10.090	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: VHF Nav/Comm Radios	- / -	- / 10.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Procurement, All Modification Items	- / -	- / 26.683	- / 6.139	- / 24.630	- / -	- / 24.630	- / -	- / -	- / -	- / -	- / -	- / -	
Support (All Modification Items)													
OTHER GOVT	- / -	- / -	- / -	- / 4.500	- / -	- / 4.500	- / -	- / -	- / -	- / -	- / -	- / -	
Subtotal: Support	- / -	- / -	- / -	- / 4.500	- / -	- / 4.500	- / -	- / -	- / -	- / -	- / -	- / -	
Installation													
Subtotal: Installation	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	
Total													
Total Cost (Procurement + Support + Installation)	0.000	26.683	6.139	29.130	0.000	29.130	-	-	-	-	-	-	

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Exhibit P-3a, Individual Modification: FY 2018 Air Force					Date: May 2017		
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 4			P-1 Line Item Number / Title: T03800 / T-38			Modification Number / Title: 6090 / T-38 Avionics	
ID Code (A=Service Ready, B=Not Service Ready) :					MDAP/MAIS Code:		
Modification Item 1 of 4: Heads-Up Display System							
Manufacturer Information							
Manufacturer Name: Boeing				Manufacturer Location: St. Louis, MO			
Administrative Leadtime (<i>in Months</i>): 5				Production Leadtime (<i>in Months</i>): 21			
Dates	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Contract Dates		Oct 2017	Oct 2018				
Delivery Dates		Jul 2019	Jul 2020				
Installation Information							
Method of Implementation (Organic): Org/Intermediate					Installation Quantity: 442		

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Exhibit P-3a, Individual Modification: FY 2018 Air Force																							Date: May 2017												
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 4											P-1 Line Item Number / Title: T03800 / T-38												Modification Number / Title: 6090 / T-38 Avionics												
ID Code (A=Service Ready, B=Not Service Ready) :																MDAP/MAIS Code:																			
Modification Item 3 of 4: T-38C ADS-B																																			
Manufacturer Information																																			
Manufacturer Name: Boeing																		Manufacturer Location: St. Louis, MO																	
Administrative Leadtime (<i>in Months</i>): 2																		Production Leadtime (<i>in Months</i>): 18																	
Dates		FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022									
Contract Dates						Dec 2016				Dec 2017																									
Delivery Dates						Jun 2018				Jun 2019																									
Installation Information																																			
Method of Implementation: Contract Field Team																																			
Installation Schedule																																			
	PYS	FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022									
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot				
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	221	221	-	-	-	-	-	-	-	-	-	-	-	-	0	442				
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	221	221	-	-	-	-	-	-	-	-	-	-	-	-	0	442				

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Exhibit P-3a, Individual Modification: FY 2018 Air Force																							Date: May 2017										
Appropriation / Budget Activity / Budget Sub Activity: 3010F / 05 / 4											P-1 Line Item Number / Title: T03800 / T-38											Modification Number / Title: 6090 / T-38 Avionics											
ID Code (A=Service Ready, B=Not Service Ready) :																MDAP/MAIS Code:																	
Modification Item 4 of 4: VHF Nav/Comm Radios																																	
Manufacturer Information																																	
Manufacturer Name: Boeing																Manufacturer Location: St. Louis, MO																	
Administrative Leadtime <i>(in Months)</i> : 6																Production Leadtime <i>(in Months)</i> : 26																	
Dates		FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022							
Contract Dates		Jun 2016																															
Delivery Dates		Aug 2018																															
Installation Information																																	
Method of Implementation: Contract Field Team																																	
Installation Schedule																																	
	PYS	FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022							
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot		
In	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	221	221	-	-	-	-	-	-	-	-	-	-	-	-	0	442		
Out	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	221	221	-	-	-	-	-	-	-	-	-	-	-	-	0	442		